

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Masaru KATO et al.

Title: NOVEL TRANSFERASE AND AMYLASE, PROCESS  
FOR PRODUCING THE ENZYMES, USE THEREOF,  
AND GENE CODING FOR THE SAME

Appl. No.: 10/688,276

Filing Date: 10/20/2003

Examiner: Unassigned

Art Unit: 1632

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop MISSING PARTS  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/695,423, filed 10/25/2000. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

The relevance of the listed documents is explained in the parent application.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 29, 2004

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: March 29, 2004 (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/688,276
				<b>Filing Date</b>	10/20/2003
				<b>First Named Inventor</b>	Masaru KATO
				<b>Group Art Unit</b>	1632
				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	049441-0133
Sheet	1	of	2		

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,681,826		SHIBUYA et al.	10/1997	
	A2	5,455,168		MARUTA et al.	10/1995	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

Date Submitted: March 29, 2004

*(use as many sheets as necessary)*

Sheet	2	of	2
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**Complete if Known**

<b>Application Number</b>	10/688,276
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<b>Filing Date</b>	10/20/2003
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First Named Inventor	Masaru KATO
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Group Art Unit	1632
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Examiner Name	Unassigned
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Attorney Docket Number	049441-0133
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Examiner  
Initials\*Cite  
No. <sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

T<sup>6</sup>

A24	L. LAMA et al., "Starch Conversion With Immobilized Thermophillic Archaeobacterium Sulfolobus Solfatarius", <i>Biotechnology Letters</i> , Vol. 12(6):431-432, (1990)
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A25	L. LAMA et al., "Thermostable Amyolytic Activity From Sulfolobus Solfataricus", <i>Biotech. Forum. Eur.</i> , Vol. 8(4):201-203, (1991)
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A26	B. NICOLAUS et al., "Trehalose In Archaeobacteria", <i>System Appl. Microbiol.</i> , Vol. 10:215-217, (1988)
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**Examiner  
Signature**

Date  
Considered

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<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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